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REISSUE PATENT APPLICATION TRANSMITTAL

Address to:

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Attorney Docket No.	501.26379R00
First Named Inventor	KAKU, Toshimitsu
Original Patent Number	5,105,409
Original Patent Issue Date (Month/Day/Year)	April 14, 1992
Express Mail Label No.	

APPLICATION FOR REISSUE OF:

(Check applicable box)



Utility Patent



Design Patent



Plant Patent

APPLICATION ELEMENTS (37 CFR 1.173)

1. ☒ Fee Transmittal Form (PTO/SB/56)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification and Claims in double column copy of patent format
(amended, if appropriate)
4. ☒ Drawing(s) (proposed amendments, if appropriate)
5. ☒ Reissue Oath/Declaration (original or copy)
(37 C.F.R. 1.175) (PTO/SB/51 or 52)
6. ☐ Power of Attorney
7. ☒ Original U.S. Patent currently assigned? ☒ Yes ☐ No
(If Yes, check applicable box(es))
☐ Written Consent of all Assignees (PTO/SB/53)
☒ 37 C.F.R. 3.73(b) Statement
(PTO/SB/96)
8. ☐ CD-ROM or CD-R in duplicate, Computer Program (Appendix)
or large table
9. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all of the following are necessary)
 - a. ☐ Computer Readable Form (CFR)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM (2 copies) or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

10. ☒ Statement of status and support for all
changes to the claims. See 37 CFR 1.173(c).
11. ☐ Original Patent Grant
☐ Ribbioned Original Patent Grant
☐ Statement of Loss (PTO/SB/55)
12. ☒ Foreign Priority Claim (35 U.S.C. 119)
(if applicable)
13. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS
Citations
14. ☐ English Translation of Reissue Oath/Declaration
(if applicable)
15. ☐ Preliminary Amendment
16. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
17. Other: Offer to Surrender
Original Letters Patent

18. CORRESPONDENCE ADDRESS

Customer Number:

020457

OR ☐

Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Melvin Kraus

Registration No. (Attorney/Agent)

22,466

Signature

Melvin Kraus

Date

August 5, 2003

This collection of information is required by 37 CFR 1.173. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Reissue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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17858 U.S. PTO

10/633655

08/05/03

08/05/03

16179 U.S. PTO

Approved for use through 04/30/2003. OMB 0651-0032
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**750.00**

Complete if Known	
Application Number	
Filing Date	August 5, 2003
First Named Inventor	KAKU, TOSHIMITSU
Examiner Name	
Art Unit	
Attorney Docket No.	500.26379R00

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 01-2135

Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP

The Commissioner authorized to: (check all that apply)

☐ Charge fees indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fees indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	750
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) 750

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims 11	-20** = 0	x 18	= 0
Indep. Claims 3	-3** = 0	x 84	= 0
Multiple Dependent	0		= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0

**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examination action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to Institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1406 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

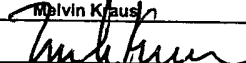
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Malvin Kraus	Registration No. (Attorney/Agent)	22,466	Telephone	(703) 312-6600
Signature		Date	08/05/2003		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KAKU, et al
Filed: August 5, 2003
Reissue of
Patent No.: 5,105,409
Issued: April 14, 1992
For: METHOD AND APPARATUS FOR OPTICAL RECORDING
AND REPRODUCING WITH TRACKING SERVO REDUCING
TRACK OFFSET

**STATEMENT OF STATUS/SUPPORT
IN ACCORDANCE WITH 37 CFR 1.173(c)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 5, 2003

Sir:

In accordance the requirements of 37 CFR 1.173(c), applicants note that by the present reissue application, original independent claims 1, 5 and 8 have been amended to recite the feature that a pulse width of the extracting pulses is "greater than" the writing pulse width, which feature is supported by the disclosure of U.S. Patent No. 5,105,409, as discussed below. It is noted that the other claims of U.S. Patent No. 5,105,409 are dependent claims, with claims 2-4 being dependent upon claim 1, claims 6 and 7 being dependent upon claim 5, and claims 9-11 being dependent upon claim 8. Thus, the dependent claims, although being retained without amendment, incorporate the features of the amended parent claims therein.

Referring to Fig. 3 of the drawings of U.S. Patent No. 5,105,409 and the corresponding description at col. 4, lines 28-30, Fig. 3(a) shows a writing pulse signal driving the laser diode 1, and as described in col. 5, lines 14-20, Fig. 3(e) shows the waveform of the extracting pulse signal applied from the timing pulse

generating circuit 24. As is apparent from Fig. 3(a) which illustrates the writing pulse signal having a pulse width, as shown, the extracting pulse of Fig. 3(e) has a pulse width which is greater than that of the writing pulse width as illustrated in Fig. 3(a). As indicated in col. 5, lines 16-20, "It will be seen in Fig. 3(e) that the pulse width of each extracting pulse is such that the pulse width of each writing pulse is suitably extended taking into account the frequency characteristic of TR detection system". Thus, while col. 2, lines 7 and 8, refer to "extracting pulses having a pulse width corresponding to that of writing pulses" and col. 2, lines 19-26, refer to "extracting pulses having a pulse width at least equal to that of the writing pulses or a pulse width determined while taking into account the frequency characteristics of the tracking servo signal, the track offset appearing at the time of information recording can be minimized, and the performance of the tracking servo system can be greatly improved", it is apparent from Fig. 3(e) in comparison with Fig. 3(a) that the pulse width of the extracting pulse is greater than the pulse width of the writing pulse and such feature was encompassed by the recitation in original independent claims 1, 5 and 8 of extracting pulses having a pulse width "at least equal to" the writing pulse width.

Applicants submit that it is apparent that the features as recited in amended claims 1, 5 and 8 of this reissue application have clear support in the specification and drawings of the original application, which issued as U.S. Patent No. 5,105,409.

Respectfully submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): KAKU, et al
Filed: August 5, 2003
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Patent No.: 5,105,409
Issued: April 14, 1992
For: METHOD AND APPARATUS FOR OPTICAL RECORDING
AND REPRODUCING WITH TRACKING SERVO REDUCING
TRACK OFFSET

OFFER TO SURRENDER OF OFFICIAL LETTERS PATENT

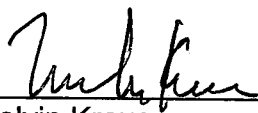
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

August 5, 2003

Sir:

Patentees offer to surrender the Official Letters Patent upon indication of allowability of this reissue application.

Respectfully submitted,



Melvin Kraus

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